

Storm Data and Unusual Weather Phenomena - November 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MISSISSIPPI, Central				
MARION COUNTY --- 4.1 ENE GOSS [31.37, -89.83], 9.6 NNE COLUMBIA MARION ARPT [31.43, -89.76]				
	11/16/11 04:11 CST		0.20M	Tornado (EF1, L: 5.91 mi , W: 440 yd)
	11/16/11 04:19 CST		0	Source: NWS Storm Survey
<p>The tornado started in Marion County on Goss Bunker Hill Road with mostly minor tree damage. As it moved northeast, crossing Stuckey Road, more minor tree damage occurred along with home TV and radio antennas being blown down. As it moved along E. Reservoir Road, more substantial tree damage occurred along with roof damage to a few homes and mobile homes. As it continued northeast, more major tree damage occurred along with snapped power poles on Bufkin and Grice Roads. The most significant damage occurred along Bunker Hill Road where roof damage occurred to a home along with many trees snapped and uprooted. Several metal sheds were either severely damaged or destroyed. A cattle trailer was picked up and thrown approximately 200 yards. As it crossed Hwy 35, major tree damage continued where pines and hardwood trees were either snapped or uprooted. A carport was collapsed at a residence near Bryant Road. The tornado continued northeast crossing Robbins and F. Mcneese Road where mainly tree damage occurred. As the tornado crossed S Williamsburg Road, the roof of a newly built barn was torn off along with major tree damage. As it continued northeast from there, mostly tree damage occurred until it ended near Gates Road, just south of Hwy 42 in Jefferson Davis County. Maximum wind speeds were estimated at 100 mph.</p>				
JEFFERSON DAVIS COUNTY --- 4.9 S BASSFIELD [31.43, -89.76], 3.1 SE BASSFIELD [31.47, -89.71]				
	11/16/11 04:19 CST		0.10M	Tornado (EF1, L: 3.72 mi , W: 440 yd)
	11/16/11 04:25 CST		0	Source: NWS Storm Survey
<p>The tornado started in Marion County on Goss Bunker Hill Road with mostly minor tree damage. As it moved northeast, crossing Stuckey Road, more minor tree damage occurred along with home TV and radio antennas being blown down. As it moved along E. Reservoir Road, more substantial tree damage occurred along with roof damage to a few homes and mobile homes. As it continued northeast, more major tree damage occurred along with snapped power poles on Bufkin and Grice Roads. The most significant damage occurred along Bunker Hill Road where roof damage occurred to a home along with many trees snapped and uprooted. Several metal sheds were either severely damaged or destroyed. A cattle trailer was picked up and thrown approximately 200 yards. As it crossed Hwy 35, major tree damage continued where pines and hardwood trees were either snapped or uprooted. A carport was collapsed at a residence near Bryant Road. The tornado continued northeast crossing Robbins and F. Mcneese Road where mainly tree damage occurred. As the tornado crossed S Williamsburg Road, the roof of a newly built barn was torn off along with major tree damage. As it continued northeast from there, mostly tree damage occurred until it ended near Gates Road, just south of Hwy 42 in Jefferson Davis County. Maximum wind speeds were estimated at 100 mph.</p>				
JONES COUNTY --- 4.1 SE HEBRON [31.66, -89.33], 5.1 ESE HEBRON [31.68, -89.30]				
	11/16/11 05:03 CST		60K	Tornado (EF1, L: 2.20 mi , W: 50 yd)
	11/16/11 05:07 CST		0	Source: NWS Storm Survey
<p>This tornado developed and downed several trees along Fred Ellzey Road, and caused moderate damage to the roof of a large home north of the road. The tornado moved northeast, snapping several trees and heavily damaging an outbuilding as it crossed West Creek Road. The tornado then snapped a few trees and damaged the roof of an outbuilding just before crossing Highway 84 where it dissipated. Maximum wind speed was estimated at 95 mph.</p>				
JONES COUNTY --- 1.8 SSW SERVICE [31.71, -89.25], 3.7 NW ERRATA [31.81, -89.11]				
	11/16/11 05:12 CST		0.40M	Tornado (EF2, L: 10.68 mi , W: 300 yd)
	11/16/11 05:25 CST	15	0	Source: NWS Storm Survey
<p>The tornado developed along Pat Holifield and Leroy Hill Roads, downing a few trees. The tornado moved northeast, widened and reached its maximum width in the area of Springhill Road, where high end EF-1 damage to trees occurred. The tornado then narrowed to about 150 to 250 yard wide path of mid to high end EF-2 damage on either side of State Highway 15 in the Shady Grove community northwest of Laurel. Several mobile homes were completely destroyed, numerous power poles were snapped, several frame and brick homes suffered major damage and other moderate damage, and extensive tree damage occurred. A few commercial buildings along State Highway 15 suffered major damage. As the tornado continued northeast across northeast Jones County, it caused EF-1 type damage as it crossed Sharon-Moss and Lake Como Roads, snapping and uprooting trees and causing some roof and minor structural damage to several homes. The tornado then intensified somewhat again as it crossed into Jasper County, destroying three large chicken houses and causing extensive tree damage along County Road 812 just inside the Jasper County line. The tornado dissipated shortly after causing this damage. Fifteen people were injured by this tornado, with nearly all of the injuries being relatively minor. Maximum winds were estimated at 130 mph.</p>				
JASPER COUNTY --- 5.3 E MOSS [31.81, -89.11], 5.9 WSW HEIDELBERG [31.83, -89.08]				
	11/16/11 05:25 CST		0.25M	Tornado (EF2, L: 2.27 mi , W: 300 yd)
	11/16/11 05:30 CST		0	Source: NWS Storm Survey

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The tornado developed along Pat Holifield and Leroy Hill Roads, downing a few trees. The tornado moved northeast, widened and reached its maximum width in the area of Springhill Road, where high end EF-1 damage to trees occurred. The tornado then narrowed to about 150 to 250 yard wide path of mid to high end EF-2 damage on either side of State Highway 15 in the Shady Grove community northwest of Laurel. Several mobile homes were completely destroyed, numerous power poles were snapped, several frame and brick homes suffered major damage and other moderate damage, and extensive tree damage occurred. A few commercial buildings along State Highway 15 suffered major damage. As the tornado continued northeast across northeast Jones County, it caused EF-1 type damage as it crossed Sharon-Moss and Lake Como Roads, snapping and uprooting trees and causing some roof and minor structural damage to several homes. The tornado then intensified somewhat again as it crossed into Jasper County, destroying three large chicken houses and causing extensive tree damage along County Road 812 just inside the Jasper County line. The tornado dissipated shortly after causing this damage. Fifteen people were injured by this tornado, with nearly all of the injuries being relatively minor. Maximum winds were estimated at 130 mph.

During the early morning hours of November 16, a supercell thunderstorm tracked across the south-central and southeastern portions of Mississippi producing three tornadoes. Actually, this particular cell was responsible for two other tornadoes, one in southeast Louisiana and another in west-central Alabama. This activity occurred as an upper level disturbance moved over the region and combined with increasing wind shear and instability. Initially the storm activity associated with this disturbance was rather weak. However, after 3 am, there was a resurgence in activity, and storms intensified across southeast Louisiana, and southern and southeast Mississippi. The storm that produced all the damage developed in a location where instability and high wind shear were maximized. The result was a cyclic supercell that produced several tornadoes. Across the NWS Jackson service area, three tornadoes impacted four counties: Marion, Jefferson Davis, Jones, and Jasper. Two of the tornadoes were rated EF1 and the other rated EF2. Nearly two dozen structures were damaged or destroyed by these tornadoes and 15 people were injured.



A house and a shed were damaged when a tornado passed during the early morning hours of November 16, 2011. Photo courtesy of NWS Jackson, MS.

HINDS COUNTY --- 0.8 NNE TAYLORSVILLE [32.24, -90.24]

11/22/11 11:15 CST	30K	Thunderstorm Wind (EG 60 kt)
11/22/11 11:15 CST	0	Source: Emergency Manager

Roof damage occurred to a house on Wynndale Road just north of Terry. A tree fell on a house, as well as nearby power lines, on Dona Lane in south Jackson.

RANKIN COUNTY --- 1.5 NNE MONTEREY [32.20, -90.07], 2.6 NNE RANKIN [32.32, -89.91]

11/22/11 11:30 CST	0.25M	Thunderstorm Wind (EG 75 kt)
11/22/11 11:50 CST	0	Source: Emergency Manager

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A swath of wind damage affected Rankin County starting with numerous downed trees just southeast of Pearl. Trees and a power pole were then blown down on Louis Wilson Road and Highway 18. Trees, large limbs, and power lines were then blown down along a path from the Cleary Community, through Whitfield to near Andrew Chapel Road on the east side of Brandon. Trees were also blown down along Bowman Circle southeast of Fannin.				
LEAKE COUNTY --- 0.9 NW SPROLES SIDING [32.61, -89.59], 1.7 SSW FREE TRADE [32.68, -89.43]				
	11/22/11 12:05 CST		0.10M	Thunderstorm Wind (EG 70 kt)
	11/22/11 12:20 CST		0	Source: Emergency Manager
A swath of wind damage across Leake County began with trees being blown down along Mississippi Highway 487 north of Lena, and along Highway 13 near Good Hope. Trees were then blown down in Carthage on Red Dog Road between Highways 25 and 35. A few minutes later trees were blown down along Mississippi Highway 492 southeast of Walnut Grove near Golden Memorial Park. Trees were also downed around this time along Mississippi Highway 487 East near Standing Pine.				
SCOTT COUNTY --- 3.6 W MORTON [32.35, -89.73], 1.2 WNW LAKE [32.36, -89.35]				
	11/22/11 12:05 CST		0.10M	Thunderstorm Wind (EG 60 kt)
	11/22/11 12:20 CST		0	Source: Emergency Manager
Multiple trees were blown down across all of Scott County.				
SIMPSON COUNTY --- MAGEE [31.87, -89.73]				
	11/22/11 12:13 CST		5K	Thunderstorm Wind (EG 65 kt)
	11/22/11 12:13 CST		0	Source: Emergency Manager
A tree was blown down at Magee City Park. A power pole was snapped at 5th Avenue and Coop Extension in Magee.				
NESHOBA COUNTY --- 2.1 SSW NESHOBA [32.59, -89.16]				
	11/22/11 12:45 CST		0	Thunderstorm Wind (EG 52 kt)
	11/22/11 12:45 CST		0	Source: Emergency Manager
A tree was blocking County Road 311.				
NESHOBA COUNTY --- 1.4 S SANDTOWN [32.78, -89.00]				
	11/22/11 12:55 CST		0	Thunderstorm Wind (EG 52 kt)
	11/22/11 12:55 CST		0	Source: Emergency Manager
A tree was reported down east of Philadelphia.				
NESHOBA COUNTY --- 1.8 NE HOUSE [32.65, -88.98]				
	11/22/11 12:55 CST		0	Thunderstorm Wind (EG 52 kt)
	11/22/11 12:55 CST		0	Source: Emergency Manager
A tree was down on County Road 717.				
KEMPER COUNTY --- 0.7 NNW CLEVELAND [32.76, -88.83], 3.6 S SCOоба GILES ARPT [32.78, -88.40]				
	11/22/11 13:15 CST		20K	Thunderstorm Wind (EG 55 kt)
	11/22/11 13:45 CST		0	Source: Emergency Manager
Several trees were blown down as a swath of wind damage moved across Kemper County.				
LAUDERDALE COUNTY --- 2.8 SW HOOKSTON [32.40, -88.83], 2.5 NNE KEWANEE [32.45, -88.43]				
	11/22/11 13:15 CST		0.25M	Thunderstorm Wind (EG 60 kt)
	11/22/11 13:45 CST		0	Source: Broadcast Media
A swath of wind damage occurred across Lauderdale County beginning with a few chicken houses that were damaged in Meehan by the wind. Around that same time a tree was downed along Mississippi Highway 493 just south of Mississippi Highway 16, and the high winds blew some shingles off a roof and knocked a basketball goal over in Collinsville. Between 1:30pm and 1:45pm a wall of a convenience store was collapsed at I-20 and 22nd Ave, trees and power lines were blown down on Myrtle Drive, a couple houses were damaged on Minnow Bucket Road, and trees were blown down near exit 152 near the I-20 and I-59 intersection.				
LAUDERDALE COUNTY --- MEEHAN [32.33, -88.87]				
	11/22/11 13:17 CST		0	Thunderstorm Wind (EG 52 kt)
	11/22/11 13:17 CST		0	Source: Fire Department/Rescue

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This gust was estimated at the Meehan Fire Department.

A line of severe storms ahead of a strong cold front pushed through portions of Central Mississippi from late morning through the early afternoon hours. The high winds associated with the line of storms produced damage mainly in the form of blown down trees and power lines. A couple homes were damaged as well.